DR-59. THE REACTION 5-HETARYL(ARYL)METHYLIDENE-2,4,6-PYRIMIDINE-2,4,6(1*H*,3*H*,5*H*)-TRIONS WITH *L*-PROLINE AND PARAFORMES

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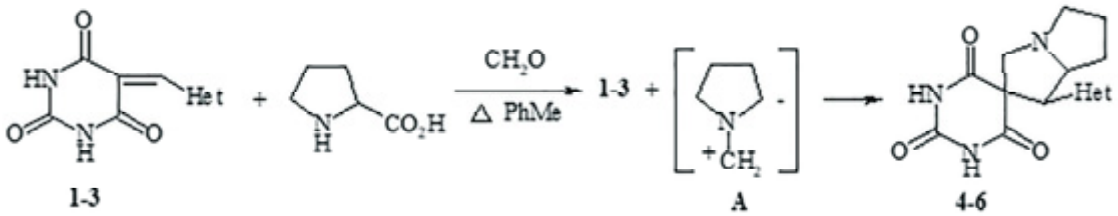
In the literature, there are limited information on the use of azomethynyls in the reactions of 1,3-dipolar cycloaddition [1, 2]. We found that the reaction of the three-component heterocyclization of pyrimidine-2,4,6-trions **1–3** with *L*-proline and paraffin proceeds with heating for 17 hours in dried toluene and yields, in 80–82 % yield, the previously unknown spirocompounds **4–6**.



Het = бензофуран-2-ил (**1**); 1,3-бензотиозол-2-ил (**2**); 2,1,3-бензооксадиазол-5-ил (**3**)

It can be assumed that during the thermolysis of paraform with *L*-proline, corresponding azomethonilides **A** are generated, the latter as a result of the 1,3-dipolar cycloaddition process to the molecules of dipolarophilic compounds **1–3** stabilize to the target compounds **4–6**.

References

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